

The listing of claims below will replace prior versions of claims in the application:

1. (Currently Amended) An application program interface embodied on one or more computer readable media, comprising:

a first class to provide information regarding a current HTTP request;

a second class to manage HTTP output to a client, wherein the second class is further to obtain information regarding capabilities of the client; and

an object to provide access to server-side utilities and processes.

2. (Original) An application program interface as recited in claim 1, further comprising a third class to manipulate at least one cookie.

3. (Original) An application program interface as recited in claim 1, further comprising a fourth class to handle file transfers.

4. (Original) An application program interface as recited in claim 1, further comprising a fifth class to provide exception information.

5. (Original) An application program interface as recited in claim 1, further comprising a sixth class to control operation of an output cache.

6. (Original) An application program interface as recited in claim 1, further comprising a set of classes that enable building and using web services.

7. (Original) An application program interface as recited in claim 1, further comprising a web service class to define a base class for web services.

8. (Previously Presented) An application program interface as recited in claim 1, further comprising a web method attribute class to expose a method over the web.

9. (Original) An application program interface as recited in claim 1, further comprising HTML controls that allow a user to create HTML server controls on a web page.

10. (Original) An application program interface as recited in claim 9, wherein the HTML server controls are executed on a server and map to standard HTML tags.

11. (Original) An application program interface as recited in claim 1, further comprising web controls that allow a user to create web server controls on a web page.

12. (Original) An application program interface as recited in claim 11, wherein the web controls are executed on a web server and include form controls.

13. (Original) An application program interface as recited in claim 1, further comprising a set of classes that allow a user to create controls and pages that represent a user interface on a web page.

14. (Original) A network software architecture comprising the application program interface as recited in claim 1.

15. (Currently Amended) An application program interface embodied on one or more computer readable media, comprising:

a first group of services related to information associated with a current HTTP request;

a second group of services related to managing HTTP output to a client, wherein the second group of services is further related to obtaining information regarding capabilities of a browser application running on the client;

a third group of services related to accessing server-based utilities; and

a fourth group of services related to creating web services.

16. (Previously Presented) An application program interface as recited in claim 15, wherein the fourth group of services includes:

a web service class that defines a base class for web services; and  
a web method attribute class that allows a user to expose a method over the web.

17. (Original) An application program interface as recited in claim 15, further comprising a fifth group of services that provide for the creation of a user interface on a web page.

18. (Original) An application program interface as recited in claim 15, further comprising a set of classes that allow a user to create server controls on a web page.

19. (Original) An application program interface as recited in claim 15, further comprising a set of classes that allow a user to create HTML server controls on a web page.

20. (Original) An application program interface as recited in claim 15, further comprising a set of classes that allow a user to create web server controls on a web page.

21. (Original) A network software architecture comprising the application program interface as recited in claim 15.

22. (Currently Amended) A method comprising:  
creating an HTTP request class to provide information regarding a current HTTP request;

creating an HTTP response class to manage an HTTP output stream to a client, wherein the HTTP response class is further to manage information regarding capabilities of the client; and

creating an HTTP server utility object to provide access to server-based utilities.

23. (Original) A method as recited in claim 22, further comprising creating a class to manipulate cookies.

24. (Previously Presented) A method as recited in claim 22, further comprising creating a class to handle file transfers.

25. (Previously Presented) A method as recited in claim 22, further comprising creating web service classes to enable the building and use of web services.

26. (Previously Presented) A method as recited in claim 22, further comprising creating control classes to enable the creation of HTML server controls and web server controls.

27. (Currently Amended) A computer system including one or more microprocessors and one or more software programs, the one or more software programs utilizing an application program interface to request services from an operating system, the application program interface including separate commands to request services consisting of the following groups of services:

a first group of services related to information regarding a current HTTP request;

a second group of services related to managing HTTP output to a client, wherein the second group of services is further related to obtaining information regarding capabilities of a web browser running on the client;

a third group of services related to providing access to server-based utilities; and

a fourth group of services related to creating web services.

28. (Currently Amended) A method comprising:

calling one or more first functions to facilitate providing information related to a current HTTP request;

calling one or more second functions to facilitate managing HTTP output to a client, wherein the one or more second functions are further to manage a plurality of cookies associated with a particular web application;

calling one or more third functions to facilitate access to server-based utilities and processes; and

calling one or more fourth functions to facilitate creating a user interface on a web page.

29. (Original) A method as recited in claim 28, further including calling one or more fifth functions to facilitate building and using web services.

30. (Original) A method as recited in claim 28, further including calling one or more sixth functions to facilitate creating server controls on a web page.

31. (Previously Presented) A method as recited in claim 28, further including calling one or more seventh functions to facilitate exposing a method over the web.

32. (Previously Presented) A method as recited in claim 1, wherein the first class provides HTTP values sent by a client during a web request.

33. (Previously Presented) A method as recited in claim 1, wherein the second class manages a stream of data output to the client.